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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL FOR PATENT APPLICATION

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a United States patent application entitled PARALLEL SCRAMBLER/DESCRAMBLER in the name of the following inventor: Maher Amer.

Enclosed are the following:

- X A specification, claims, and abstract in total comprising twelve (12) pages.
- X Two (2) sheets of drawings.
- X A single signature Declaration and Power of Attorney.
- X An Assignment conveying the invention to IceFyre Semiconductor Corporation, including a Form PTO 1595 recordation cover sheet.
- A Declaration Claiming Small Entity Status pursuant to 37 C.F.R. § 1.9 and § 1.27.
- X The present application claims entitlement to Small Entity Status under 37 CFR §§ 1.9 and 1.27

☐ Enclosed is a non-publication request requesting that the present application not be published.

☒ A Certificate of Mailing by "Express Mail" certifying a filing date by use of Express Mail Label No. EV 319 223 383 US.

☒ Priority to Provisional Application Serial No. 60/411,343 filed on September 18, 2002 is claimed under 35 U.S.C. § 119.

☐ A certified copy of foreign priority application Serial No. _____.

☒ An Associate Power of Attorney and Direction for Forwarding Correspondence.

The filing fee has been calculated as shown below.

| | | | SMALL ENTITY | | LARGE ENTITY | |
|--------------------------|-----------|-----------|--------------|-------|--------------|-------|
| FOR | NO. FILED | NO. EXTRA | RATE | FEE | RATE | FEE |
| BASIC FEE | | | | \$375 | | \$750 |
| TOT. CLAIMS | 16 - 20= | 0 | X 9= | 0 | X 18= | |
| IND. CLAIMS | 3 - 3= | 0 | X 42 | 0 | X 84= | |
| MULTIPLE DEPENDENT CLAIM | | | +140= | | +280= | |
| | | | TOTAL | 375 | TOTAL | |

☒ Form PTO-2038 submitting Credit Card Payment in the amount of \$415.00 is enclosed to cover:

☒ The \$375.00 government filing fee.

☒ The \$40.00 recordation fee of the enclosed assignment.

☐ Please debit Deposit Account No. 23-3178 in the amount of \$_____ for the government filing fee.

☐ Please debit Deposit Account No. 23-3178 in the amount of \$40.00 for recordation of the enclosed Assignment.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

☒ Any additional filing fees required under 37 C.F.R. § 1.16.

☒ Any patent application processing fees under 37 C.F.R. § 1.17.

X The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-3178.

X Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

X Any patent application processing fees under 37 C.F.R. § 1.17.

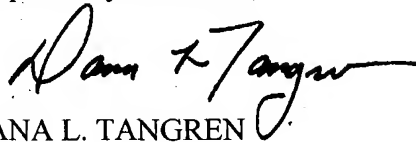
— The issue fee set forth in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).

X A duplicate copy of this letter is enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 29th day of July 2003.

Respectfully submitted,



DANA L. TANGREN
Attorney for Applicant
Registration No. 37,246



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"Express Mail" Mailing Label No.: EV 319 223 383 US

Date of Deposit: July 29, 2003

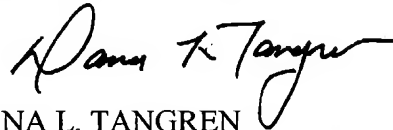
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below in an envelope addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

- Transmittal Letter (3 pages) (in duplicate)
- Form PTO-2038 submitting Credit Card Payment in the amount of \$415
- Assignment with Form PTO-1595 cover sheet (2 pages)
- Declaration and Power of Attorney (2 pages)
- Associate Power of Attorney (1 page)
- Patent Application in the name of Maher Amer for PARALLEL SCRAMBLER/DESCRAMBLER (12 pages)
- Drawings (2 sheets)
- Postcard

Dated this 29th day of July 2003.

Respectfully submitted,



DANA L. TANGREN
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